

ACRONYMS AND ABBREVIATIONS

ADT	average daily traffic
AERMAP	terrain preprocessing program for the AERMOD air dispersion model
AERMET	meteorological preprocessing program for the AERMOD air dispersion model
AERMOD	AMS/EPA Regulatory MODEL (an air dispersion model)
AMS	American Meteorological Society
amsl	above mean sea level
BMP	best management practices
BPIP	Building Profile Input Program
Btu	British thermal unit
°C	degrees Celsius
CCPI	Clean Coal Power Initiative
CEQ	Council on Environmental Quality
CFR	<i>Code of Federal Regulations</i>
cm	centimeter
CO	carbon monoxide
CO ₂	carbon dioxide
COS	carbonyl sulfide
dB	decibel
dBA	decibels as measured on the A-weighted scale
DLL	days of lost life
DOE	U.S. Department of Energy
ECT	Environmental Consulting & Technology, Inc.
EIS	environmental impact statement
EMF	electromagnetic fields
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute
ERF	Exposure-response function
ERPG	Emergency Response Planning Guide
°F	degrees Fahrenheit
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
<i>FR</i>	<i>Federal Register</i>
ft	feet
ft ³	cubic feet
FWC	Florida Fish and Wildlife Conservation Commission
FWS	U.S. Fish and Wildlife Service
g	acceleration due to gravity
gal	gallon
GAQM	Guideline on Air Quality Models
GEP	Good Engineering Practice
gpm	gallons per minute
H ₂	hydrogen gas
H ₂ O	water
H ₂ S	hydrogen sulfide

HCN	hydrogen cyanide
HEM	human exposure model
HRSG	heat recovery steam generator
in.	inch
IGCC	Integrated Gasification Combined Cycle
IPCC	Intergovernmental Panel on Climate Change
ISCST	Industrial Source Complex Short-Term (an air dispersion model)
KBR	(formerly Kellogg, Brown and Root)
kg	kilogram
L	liter
lb	pound
m	meter
m ²	square meter
m ³	cubic meter
µg	microgram
µm	micrometer
µS	microsiemens
MCLG	Maximum Contaminant Level Goal
mg	milligram
mgd	million gallons per day
MIR	maximum individual risk
MRI	Midwest Research Institute
mV	millivolt
MW	megawatt
N	Newton
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NIEHS	National Institute of Environmental Health Sciences
NO	nitric oxide
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRC	U.S. Nuclear Regulatory Commission
NSC	National Safety Council
O ₃	ozone
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration
OUC	Orlando Utilities Commission
Pb	lead
pH	hydrogen-ion concentration notation
PHA	process hazard analysis
PM	particulate matter
PM-2.5	particulate matter less than 2.5 µm in aerodynamic diameter
PM-10	particulate matter less than 10 µm in aerodynamic diameter
ppm	parts per million
PRIME	Plume RIse Model Enhancements
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
R&D	research and development
RCRA	Resource Conservation and Recovery Act

RGM	reactive gaseous divalent mercury (Hg^{2+})
RMP	risk management plan
s	second
SAIC	Science Applications International Corporation
SCREEN3	a screening air dispersion model
SHPO	State Historic Preservation Office
SO_2	sulfur dioxide
SPCCP	Spill Prevention, Control, and Countermeasures Plan
SPLP	Synthetic Precipitation Leaching Procedure
U.S.	United States
USC	<i>United States Code</i>
USGS	U.S. Geological Survey
VOC	volatile organic compound
yd^3	cubic yard
YLL	years of lost life